

**Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only**

EFS ID: 17334  
Application ID: 10064852  
Title of Invention: METHOD, SYSTEM AND STORAGE  
MEDIUM FOR ENHANCING  
PROCESS CONTROL  
First Named Inventor: Scott Parent  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-08-23   
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 08EB3121-1  
Digital Certificate Holder: cn=David Fox, ou=Registered Attorneys, ou=Patent and Trademark  
Office, ou=Department of Commerce, o=U.S. Government, c=US  
Certificate Message Digest: NYVKOZEvjx6cYRZKB02+eg==  
Total Fees Authorized: \$960.0

Payment Category: DA – Deposit Account  
Deposit Account Number: 501131  
Deposit Account Name: David A. Fox



# TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket Number: 08EB3121-1

Submission Type: Utility Patent  
Filing

## METHOD, SYSTEM AND STORAGE MEDIUM FOR ENHANCING PROCESS CONTROL

First Named Inventor: Scott R. Parent

SUBMITTED BY

Name: David A. Fox

Registration Number: 38,807

Electronic Signature Mark: daf Date Signed: 20020823

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

Attached Files:

declaration	Decl1Pg1.TIF
declaration	Decl1Pg2.TIF
declaration	Decl1Pg3.TIF

declaration	<b>Decl2Pg1.TIF</b>
declaration	<b>Decl2Pg2.TIF</b>
declaration	<b>Decl2Pg3.TIF</b>
declaration	<b>Decl3Pg1.TIF</b>
declaration	<b>Decl3Pg2.TIF</b>
declaration	<b>Decl3Pg3.TIF</b>
declaration	<b>Decl4Pg1.TIF</b>
declaration	<b>Decl4Pg2.TIF</b>
declaration	<b>Decl4Pg3.TIF</b>
bibd-transmittal	<b>epaveapds.xml</b>
patent-assignments	<b>epaveasgn.xml</b>
fee-transmittal	<b>epavefee.xml</b>
specification	<b>Application.xml</b>

**Attached Image File(s):**

**Decl1Pg1.TIF**

**Decl1Pg2.TIF**

**Decl1Pg3.TIF**

**Decl2Pg1.TIF**

**Decl2Pg2.TIF**

**Decl2Pg3.TIF**

**Decl3Pg1.TIF**

**Decl3Pg2.TIF**

**Decl3Pg3.TIF**

**Decl4Pg1.TIF**

**Decl4Pg2.TIF**

**Decl4Pg3.TIF**

**Comments:**

Docket: 08EB  
CC: GP2-0

**COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original inventor (if plural names are listed below) of the subject matter which is claimed and for which I have sought on the invention entitled: METHOD, SYSTEM AND STORAGE MEDIUM FOR PROCESS CONTROL, the specification of which:

X is attached hereto.  
   was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification and the claims, as amended by any amendment referred to above..

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information which may be material to patentability (as defined in 37 C.F.R. § 1.56) in connection with the examination of this application.

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application or patent issued therefrom, or of any foreign application(s) listed below and, insofar as the subject matter of each of the claims of this application is not distinctly and briefly described therein, I hereby disclaim such subject matter. I acknowledge the duty to disclose material information as defined in Title 37, C.F.R., Section 1.13, and in accordance with 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in Title 37, C.F.R., Section 1.56(a) which occurred between the filing date of the prior application and the international filing date of this application:

\_\_\_\_\_ (Application Serial No.)

\_\_\_\_\_ (Filing Date)

\_\_\_\_\_ (Status)

(patented, pending, etc.)

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number

\_\_\_\_\_ 60/332,220

Filing Date

\_\_\_\_\_ November 21, 2001

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(c) of any United States application(s) for patent or inventor's certificate or of any PCT international application(s) designating one or more countries other than the United States of America listed below and have also identified below any application(s) for patent or inventor's certificate or any PCT international application(s) designating

-- 2 --

Docket: 08EI  
CC: GP2-

I hereby appoint; Robert E. Walter, Reg. No. 25,245; and Kenneth S. Wheelock, Reg. No. 1 Yates, Reg. No. 39,433, Hanh Pham, Reg. No. 40,771, Henry H. Gibson, Reg. No. 28,951, I Reg. No. 39,375, all of General Electric Company, One Plastics Avenue, Pittsfield, MA 01 Myrick, Reg. No. 26,315, and Henry J. Policinski, Reg. No. 26,621, Jay L. Chaskin, Reg. No. 24 Mitchell, Reg. No. 25,602, Bernard Snyder, Reg. No. 24,843, John F. Beninati, Reg. No. 40 Winter, Reg. No. 38,364, all of 3135 Easton Turnpike, Fairfield, CT 06431-0001, and all attorney associated with Customer No. 023413, jointly and each of them severally, my attorneys or agents or agent, with full power of substitution, delegation and revocation, to prosecute this application, alterations and amendments therein, to receive the patent and to transact all business in Trademark Office connected therewith. I hereby direct that all correspondence and teleconnection with this application be addressed to the said:

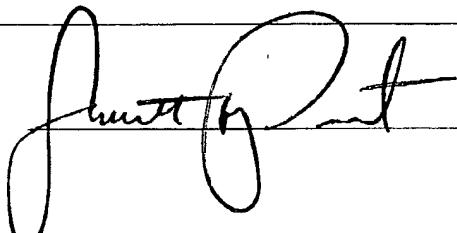
**CUSTOMER NUMBER 23413**  
**CANTOR COLBURN LLP**  
**55 Griffin Road South**  
**Bloomfield, CT 06002, USA**  
**(860) 286-2929**

I hereby declare that all statements made herein of my own knowledge are true and that all statements information and belief are believed to be true; and further statements were made with the knowledge false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code and that all such willful false statements may jeopardize the application or any patent issued thereon.

Full name of sole or first inventor      Scott R. Parent

Citizenship      USA

Inventor's signature



6/28  
Date

Full name of second inventor      Aaron J. Avagliano

Citizenship      Australian

Inventor's signature

-- 3 --

Docket: C  
CC: C

Full name of **fourth** inventor      Glen Juback

Citizenship      USA

Inventor's signature

Da

Full name of **fifth** inventor      John A. Kaminsky

Citizenship      USA

Inventor's signature



6/27

Da

ప్రాణికి వీళనాల కు ముఖ్యమైన విషయం అందులో నీ ప్రాణికి వీళనాల కు ముఖ్యమైన విషయం అందులో నీ

Docket: 08EE  
CC: GP2-

**COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPL**

**As a below-named inventor, I hereby declare that:**

**My residence, post office address and citizenship are as stated below next to my name.**

I believe I am the original, first and sole inventor (if only one name is listed below) or an original inventor (if plural names are listed below) of the subject matter which is claimed and for which I am sought on the invention entitled: METHOD, SYSTEM AND STORAGE MEDIUM FOR PROCESS CONTROL, the specification of which:

I hereby state that I have reviewed and understand the contents of the above-identified specific claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information which may be necessary to determine the patentability (as defined in 37 C.F.R. § 1.56) in connection with the examination of this application.

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application listed below and, insofar as the subject matter of each of the claims of this application is not prior United States application in the matter provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, United States Code, Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)  
(patented, pend)

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States prov application(s) listed below:

**Provisional Application Number**  
**60/332,220**

**Filing Date**  
November 21, 2001

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 application(s) for patent or inventor's certificate or of any PCT international application(s) designating one country other than the United States of America listed below and have also identified below any application(s) for patent or inventor's certificate or any PCT international application(s) designating

-- 2 --

Docket: 08]  
CC: GP

I hereby appoint; Robert E. Walter, Reg. No. 25,245; and Kenneth S. Wheelock, Reg. No. Yates, Reg. No. 39,433, Hanh Pham, Reg. No. 40,771, Henry H. Gibson, Reg. No. 28,951 Reg. No. 39,375, all of General Electric Company, One Plastics Avenue, Pittsfield, MA Myrick, Reg. No. 26,315, and Henry J. Policinski, Reg. No. 26,621, Jay L. Chaskin, Reg. No. Mitchell, Reg. No. 25,602, Bernard Snyder, Reg. No. 24,843, John F. Beninati, Reg. No. Winter, Reg. No. 38,364, all of 3135 Easton Turnpike, Fairfield, CT 06431-0001, and all attorneys associated with Customer No. 023413, jointly and each of them severally, my attorneys or agents, with full power of substitution, delegation and revocation, to prosecute this application for alterations and amendments therein, to receive the patent and to transact all business in Trademark Office connected therewith. I hereby direct that all correspondence and telegrams in connection with this application be addressed to the said:

**CUSTOMER NUMBER 23413**  
**CANTOR COLBURN LLP**  
**55 Griffin Road South**  
**Bloomfield, CT 06002, USA**  
**(860) 286-2929**

I hereby declare that all statements made herein of my own knowledge are true and that all statements of fact information and belief are believed to be true; and further statements were made with the knowledge that if false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code and that all such willful false statements may jeopardize this application or any patent issued thereon.

Full name of sole or first inventor      Scott R. Parent

Citizenship      USA

Inventor's signature

Date

Full name of second inventor      Aaron J. Avagliano

Citizenship      Australian

Inventor's signature



7/31/02

-- 3 --

Docket: 08EI  
CC: GP2

Full name of **fourth** inventor      Glen Juback

---

Citizenship      USA

---

Inventor's signature

---

Date

Full name of **fifth** inventor      John A. Kaminsky

---

Citizenship      USA

---

Inventor's signature

---

Date

Docket: 08  
CC: G.

**COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original inventor (if plural names are listed below) of the subject matter which is claimed and for which I am seeking a patent on the invention entitled: METHOD, SYSTEM AND STORAGE MEDIUM FOR PROCESS CONTROL, the specification of which:

is attached hereto.  
   was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification and claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information relating to the patentability (as defined in 37 C.F.R. § 1.56) in connection with the examination of this application.

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application listed below and, insofar as the subject matter of each of the claims of this application is contained in a prior United States application in the matter provided by the first paragraph of Title 35, U.S.C., Section 112, I acknowledge the duty to disclose material information as defined in Title 37, CFR, Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the PCT international filing date of this application:

---

(Application Serial No.)

(Filing Date)

(Status)  
(patented, pending, etc.)

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number

60/332,220

Filing Date

November 21, 2001

---

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(e) of any United States application(s) for patent or inventor's certificate or of any PCT international application(s) filed in one country other than the United States of America listed below and have also identified any application(s) for patent or inventor's certificate or any PCT international application(s) desirous of protection in the United States.

-- 2 --

Docket: 1

CC: 1

I hereby appoint; Robert E. Walter, Reg. No. 25,245; and Kenneth S. Wheelock, Reg. I Yates, Reg. No. 39,433, Hanh Pham, Reg. No. 40,771, Henry H. Gibson, Reg. No. 28,911, Reg. No. 39,375, all of General Electric Company, One Plastics Avenue, Pittsfield, MA Myrick, Reg. No. 26,315, and Henry J. Policinski, Reg. No. 26,621, Jay L. Chaskin, Reg. N Mitchell, Reg. No. 25,602, Bernard Snyder, Reg. No. 24,843, John F. Beninati, Reg. No. Winter, Reg. No. 38,364, all of 3135 Easton Turnpike, Fairfield, CT 06431-0001, and all associated with Customer No. 023413, jointly and each of them severally, my attorneys or agent, with full power of substitution, delegation and revocation, to prosecute this application for alterations and amendments therein, to receive the patent and to transact all business connected with the Trademark Office connected therewith. I hereby direct that all correspondence and connection with this application be addressed to the said:

**CUSTOMER NUMBER 23413**  
**CANTOR COLBURN LLP**  
**55 Griffin Road South**  
**Bloomfield, CT 06002, USA**  
**(860) 286-2929**

I hereby declare that all statements made herein of my own knowledge are true and that all information and belief are believed to be true; and further statements were made with the knowledge that false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code and that all such willful false statements may jeopardize my application or any patent issued thereon.

Full name of sole or **first** inventor      Scott R. Parent

Citizenship      USA

Inventor's signature

Date

Full name of **second** inventor      Aaron J. Avagliano

Citizenship      Australian

Inventor's signature

-- 3 --

Docket: ( )  
CC: ( )

Full name of **fourth** inventor      Glen Juback

---

Citizenship      USA

---

Inventor's signature

---

Da

Full name of **fifth** inventor      John A. Kaminsky

---

Citizenship      USA

---

Inventor's signature

---

Da

Docket: 08J  
CC: GP

**COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AP**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original inventor (if plural names are listed below) of the subject matter which is claimed and for which I am seeking on the invention entitled: METHOD, SYSTEM AND STORAGE MEDIUM FOR PROCESS CONTROL, the specification of which:

X is attached hereto.  
— was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
— and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification and claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information which may affect patentability (as defined in 37 C.F.R. § 1.56) in connection with the examination of this application.

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not fully disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 35, United States Code, Section 120, and in accordance with 37 C.F.R. § 1.56(a) which occurred between the filing date of the prior application and the international filing date of this application:

\_\_\_\_\_ (Application Serial No.)

\_\_\_\_\_ (Filing Date)

\_\_\_\_\_ (Status)  
(patented, pending, etc.)

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number  
\_\_\_\_\_ 60/332,220

Filing Date  
November 21, 2001

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(e) of any United States application(s) for patent or inventor's certificate or of any PCT international application(s) filed in one country other than the United States of America listed below and have also identified

-- 2 --

Docket: 08EE  
CC: GP2-

I hereby appoint; Robert E. Walter, Reg. No. 25,245; and Kenneth S. Wheelock, Reg. No. 1 Yates, Reg. No. 39,433, Hanh Pham, Reg. No. 40,771, Henry H. Gibson, Reg. No. 28,951, F Reg. No. 39,375, all of General Electric Company, One Plastics Avenue, Pittsfield, MA 01 Myrick, Reg. No. 26,315, and Henry J. Policinski, Reg. No. 26,621, Jay L. Chaskin, Reg. No. 24 Mitchell, Reg. No. 25,602, Bernard Snyder, Reg. No. 24,843, John F. Beninati, Reg. No. 40 Winter, Reg. No. 38,364, all of 3135 Easton Turnpike, Fairfield, CT 06431-0001, and all attorney associated with Customer No. 023413, jointly and each of them severally, my attorneys or agents or agent, with full power of substitution, delegation and revocation, to prosecute this application alterations and amendments therein, to receive the patent and to transact all business in Trademark Office connected therewith. I hereby direct that all correspondence and teleconnection with this application be addressed to the said:

**CUSTOMER NUMBER 23413**  
**CANTOR COLBURN LLP**  
**55 Griffin Road South**  
**Bloomfield, CT 06002, USA**  
**(860) 286-2929**

I hereby declare that all statements made herein of my own knowledge are true and that all statements information and belief are believed to be true; and further statements were made with the knowledge false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code and that all such willful false statements may jeopardize the application or any patent issued thereon.

Full name of sole or **first** inventor      Scott R. Parent

---

Citizenship      USA

---

Inventor's signature

---

Date

Full name of **second** inventor      Aaron J. Avagliano

---

Citizenship      Australian

---

Inventor's signature

-- 3 --

Docket: 08]  
CC: GP

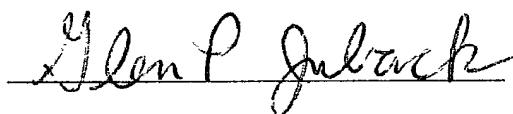
Full name of **fourth** inventor      Glen Juback

---

Citizenship      USA

---

Inventor's signature



7-25

Date

Full name of **fifth** inventor      John A. Kaminsky

---

Citizenship      USA

---

Inventor's signature



Date

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 960**

**The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:**

Deposit Account Number: 50-1131



Deposit Account Name: General Electric Company

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: David A. Fox

Electronic Signature Mark: DAF

Date Signed: 20020823

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 30	103	\$ 18	10	\$ 180
Independent Claims: 3	102	\$ 84	0	\$ 0

2025 RELEASE UNDER E.O. 14176

Subtotal For Extra Claims Fees: \$ 180

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40